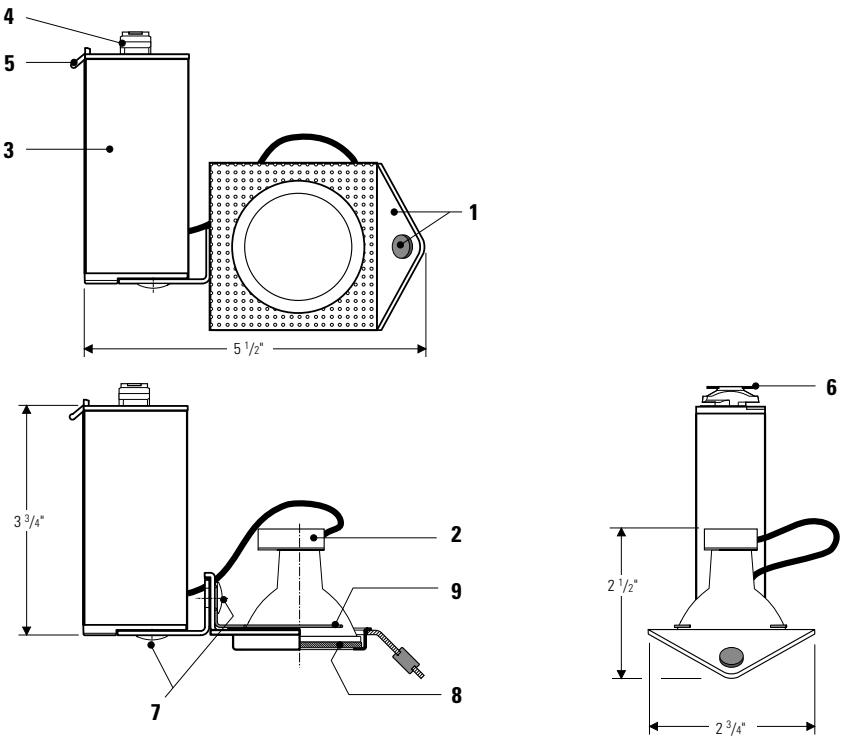
Lytespan® Track Lighting **9170**

MiniForms™ Matrix 16™ MR16



Ordering Information

Catalog No.	Finishes	Track Mountings	Lamps
9170WH	Matte White	All Lytespan	MR16
9170BK	Matte Black	Track Systems	75W Max.
9170AL	Metallic Aluminum		

Features

1. **Lamp Bracket:** Steel bracket with grip insulating button made of high temperature silicone rubber which allows for aiming adjustments while fixture is on.
2. **Socket:** Bi-pin base ceramic socket wired with No. 18 stranded Teflon leads with fiberglass outer sleeve.
3. **Transformer:** Electronic low voltage transformer with integral radio frequency interference filter and anti-crossover circuit for increased reliability; housed in extruded aluminum.
4. **Track Attachment Fitting:** Molded polycarbonate, rotates into track and locks on with push tab; integral polarity key guard.
5. **Push Tab:** Locks and detaches unit from track.
6. **Brass Contact:** Extends up for connection to second circuit when used with Advent® Lytespan track.
7. **Tension Pivot Mounts:** Steel. Allows for 180° horizontal rotation and 180° vertical rotation.
8. **Lamp Guard:** Tempered glass; can be substituted with 2" filters.
9. **Spring:** Steel spring holds lamp tight to lamp bracket

Electrical/Dimming

Dimming controls: Use only dimmers specifically designed for use with electronic transformers, like Lightolier Sunrise™ and Neptune Momentum QE™ series. Low voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

Labels

UL

Patent Pending

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

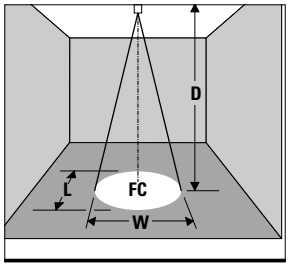
LIGHTOLIER®

Lighting Data

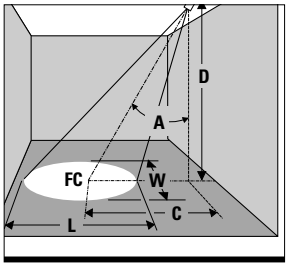
Aiming Angle:

L Beam length
W Beam width
C Distance to center of beam
D Distance
A Aiming angle
FC Footcandles
L and **W** are the outer points where the candlepower drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

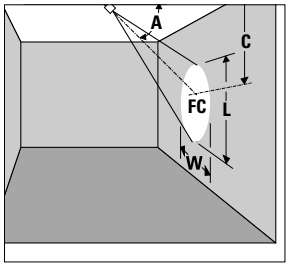
0º



30º 45º or 60º Horizontal



30º 45º or 60º Vertical



Lamp

Lamp	50% Max CP	C.P. Candelas	Life-Hrs	0° Aiming Angle				A = 30° Aiming Angle					A = 45° Aiming Angle					A = 60° Aiming Angle				
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
20W MR16 (T-H) VNSP (EZX)	7°	8200	3000	7'	187	0.9'	0.9'	6'	3.5'	148	1.0'	0.8'	4'	4.0'	181	1.0'	0.7'	2'	3.5'	256	1.0'	0.5'
				10'	82	1.2'	1.2'	9'	5.2'	66	1.5'	1.3'	6'	6.0'	81	1.5'	1.0'	3'	5.2'	114	1.5	0.7'
				13'	49	1.6'	1.6'	12'	6.9'	37	2.0'	1.7'	8'	8.0'	45	2.0'	1.4'	4'	6.9'	64	2.0'	1.0'
				16'	32	2.0'	2.0'	15'	8.7'	24	2.4'	2.1'	10'	10.0'	29	2.5'	1.7'	5'	8.7'	41	2.5'	1.2'
20W MR16 (T-H) NSP (ESX)	13°	3600	2000	6'	100	1.4'	1.4'	5'	2.8'	94	1.5'	1.3'	3'	3.0'	141	1.4'	1.0'	2'	3.5'	113	1.9'	0.9'
				8'	58	1.8'	1.8'	7'	4.0'	48	2.1'	1.8'	5'	5.0'	51	2.3'	1.6'	3'	5.2'	50	2.8'	1.4'
				10'	38	2.3'	2.3'	9'	5.2'	29	2.7'	2.4'	7'	7.0'	28	3.2'	2.3'	4'	6.9'	28	3.8'	1.8'
				12'	25	2.7'	2.7'	11'	6.4'	19	3.4'	2.9'	9'	9.0'	18	4.2'	2.9'	5'	8.7'	18	4.7'	2.3'
20W MR16 (T-H) FL (BAB)	40°	525	4000	2'	131	1.5'	1.5'	2'	1.2'	85	2.0'	1.7'	2'	2.0'	45	3.4'	2.1'	1'	1.7'	56	4.8'	1.5'
				3'	58	2.2'	2.2'	3'	1.7'	38	3.0'	2.5'	3'	3.0'	21	5.0'	3.1'	2'	3.5	16	9.7'	2.9'
				4'	33	2.9'	2.9'	4'	2.3'	21	4.1'	3.4'	4'	4.0'	12	6.7'	4.1'	3'	5.2'	7	14.5'	4.4'
				5'	21	3.6'	3.6'	5'	2.9'	14	5.1'	4.2'	5'	5.0'	7	8.4'	5.1'	4'	6.9'	4	19.3'	5.8'
35W MR16 (T-H) NSP (FRB)	12°	8700	4000	7'	178	1.5'	1.5'	6'	3.5'	157	1.7'	1.5'	4'	4.0'	192	1.7'	1.2'	2'	3.5'	272	1.7'	0.8'
				10'	87	2.1'	2.1'	9'	5.2'	70	2.5'	2.2'	6'	6.0'	85	2.6'	1.8'	3'	5.2'	121	2.6'	1.3'
				13'	51	2.7'	2.7'	12'	6.9'	39	3.4'	2.9'	8'	8.0'	48	3.4'	2.4'	4'	6.9'	68	3.5'	1.7'
				16'	34	3.4'	3.4'	15'	8.7'	25	4.2'	3.6'	10'	10.0'	31	4.3'	3.0'	5'	8.7'	44	4.3'	2.1'
35W MR16 (T-H) SP (FRA)	20°	3900	4000	6'	108	2.1'	2.1'	5'	2.9'	101	2.4'	2.0'	3'	3.0'	153	2.2'	1.5'	2'	3.5'	122	3.1'	1.4'
				8'	61	2.8'	2.8'	7'	4.0'	52	3.3'	2.9'	5'	5.0'	55	3.6'	2.5'	3'	5.2'	54	4.7'	2.1'
				10'	39	3.5'	3.5'	19'	5.2'	31	4.3'	3.7'	7'	7.0'	28	5.1'	3.5'	4'	6.9'	30	6.2'	2.8'
				12'	27	4.2'	4.2'	111'	6.4'	21	5.2'	4.5'	9'	9.0'	17	4.5'	4.5'	5'	8.7'	20	7.8'	3.5'
12W MR16 (T-H) VNSP (EZY)	9°	13100	3500	8'	205	1.3'	1.3'	7'	4.0'	174	1.5'	1.3'	5'	5.0'	185	1.6'	1.1'	3'	5.2'	182	1.9'	0.9'
				12'	91	1.9'	1.9'	10'	5.8'	85	2.1'	1.8'	7'	7.0'	95	2.2'	1.6'	4'	6.9'	102	2.6'	1.3'
				16'	51	2.5'	2.5'	13'	7.5'	50	2.7'	2.4'	9'	9.0'	57	2.9'	2.0'	5'	8.7'	66	3.2'	1.6'
				20'	33	3.1'	3.1'	16'	9.2'	33	3.4'	2.9'	11'	11.0'	38	3.5'	2.4'	6'	10.4'	45	3.8'	1.9'
50W MR16 (T-H) NFL (EXZ)	27°	3400	4000	6'	94	2.9'	2.9'	5'	2.9'	88	3.3'	2.8'	3'	3.0'	134	3.1'	2.0'	2'	3.5'	106	4.6'	1.9'
				8'	53	3.8'	3.8'	7'	4.0'	45	4.6'	3.9'	5'	5.0'	48	5.1'	3.4'	3'	5.2'	47	7.0'	2.9'
				10'	34	4.8'	4.8'	9'	5.2'	27	5.9'	5.0'	7'	7.0'	25	7.1'	4.8'	4'	6.9'	27	9.3'	3.8'
				12'	24	5.8'	5.8'	11'	6.4'	18	7.2'	6.1'	9'	9.0'	15	9.2'	6.1'	5'	8.7'	17	11.6'	4.8'
50W MR16 (T-H) NSP (EXN)	40°	1850	4000	4'	116	2.9'	2.9'	3'	1.7'	134	3.0'	2.5'	3'	3.0'	73	5.0'	3.1'	1'	1.7'	231	4.8'	1.5'
				6'	51	4.4'	4.4'	5'	2.9'	48	5.1'	4.2'	4'	4.0'	41	6.7'	4.1'	2'	3.5'	58	9.7'	2.9'
				8'	29	5.8'	5.8'	7'	4.0'	25	7.4'	5.9'	5'	5.0'	26	8.4'	5.1'	3'	5.2'	26	14.5'	4.4'
				10'	19	7.3'	7.3'	9'	5.2'	15	9.1'	7.6'	6'	6.0'	18	10.1'	6.2'	4'	6.9'	14	19.3'	5.8'
50W MR16 (T-H) WFL (FNV)	55°	1150	4000	3'	128	3.1'	3.1'	3'	1.7'	83	4.6'	3.6'	2'	2.0'	102	5.7'	2.9'	1'	1.7'	144	22.3'	2.1'
				5'	46	5.2'	5.2'	5'	2.9'	30	7.8'	6.0'	3'	3.0'	45	8.6'	4.4'	2'	3.5	36	44.5	4.2'
				7'	23	7.3'	7.3'	7'	4.0'	15	10.7'	8.4'	4'	4.0'	25	11.4'	5.9'	3'	5.2'	16	66.8'	6.2'
				9'	14	9.4'	9.4'	9'	5.2'	9	13.7'	10.8'	5'	5.0'	16	14.3	7.4'	4'	6.9'	9	89.1'	8.3'
75W MR16 (T-H) NSP (EYF)	14°	12000	4000	8'	188	2.0'	20'	7'	4.0'	159	2.3'	2.0'	5'	5.0'	170	2.5'	1.7'	3'	5.2'	167	3.1'	1.5'
				12'	83	2.9'	2.9'	10'	5.8'	78	3.3'	2.8'	7'	7.0'	87	3.5'	2.4'	4'	6.9'	94	4.1'	2.0'
				16'	47	3.9'	3.9'	13'	7.5'	46	4.3'	3.7'	9'	9.0'	52	4.5'	3.1'	5'	8.7'	60	5.1'	2.5'
				20'	30	4.9'	4.9'	16'	9.2'	30	5.3'	4.5'	11'	11.0'	35	5.5'	3.8'	6'	10.4'	42	6.2'	2.9'
75W MR16 (T-H) NFL (EYJ)	25°	4900	4000	6'	136	2.7'	2.7'	5'	2.9'	127	3.0'	2.6'	3'	3.0'	192	2.8'	1.9'	2'	3.5'	153	4.2'	1.8'
				8'	77	3.5'	3.5'	7'	4.0'	65	4.2'	3.6'	5'	5.0'	69	4.7'	3.1'	3'	5.2'	68	6.2'	2.7'
				10'	49	4.4'	4.4'	9'	5.2'	39	5.4'	4.6'	7'	7.0'	35	6.5'	4.4'	4'	6.9'	38	8.3'	3.5'
				12'	34	5.3'	5.3'	11'	6.4'	26	6.0'	5.6'	9'	9.0'	21	8.4'	5.6'	5'	8.7'	25	10.4'	4.4'
75W MR16 (T-H) FL (EYC)	42°	2100	4000	4'	131	3.1'	3.1'	3'	1.7'	152	3.2'	2.7'	3'	3.0'	82	5.4'	3.3'	1'	1.7'	263	5.5'	1.5'
				6'	58	4.6'	4.6'	5'	2.9'	55	5.4'	4.4'	4'	4.0'	46	7.2'	4.3'	2'	3.5'	66	11.0'	3.1'
				8'	33	6.1'	6.1'	7'	4.0'	28	7.5'	6.2'	5'	5.0'	30	9.0'	5.4'	3'	5.2'	29	15.5'	4.6'
				10'	21	7.7'	7.7'	9'	5.2'	17	9.7'	8.0'	6'	6.0'	21	10.8'	6.5'	4'	6.9'	16	22.0'	6.1'

Job Information **Type:**

Lightolier a Genlyte company www.lightolier.com
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